

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/713,994A  
Source: 1FW16  
Date Processed by STIC: 4/25/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 04/25/2005

PATENT APPLICATION: US/09/713,994A

TIME: 08:39:45

Input Set : E:\MBI-0022US.ST25.txt

Output Set: N:\CRF4\04252005\I713994A.raw

3 <110> APPLICANT: Mendel Biotechnology, Inc.  
 4 KEDDIE, James  
 5 CREELMAN, Robert  
 6 YU, Guo-Liang  
 7 ADAM, Luc  
 8 RIECHMANN, Jose Luis  
 9 HEARD, Jacqueline  
 10 SAMAHA, Raymond  
 11 PILGRIM, Marsha  
 12 PINEDA, Omaira  
 13 JIANG, Cai-Zhong  
 14 RATCLIFFE, Oliver  
 15 REUBER, Lynne  
 17 <120> TITLE OF INVENTION: GENES FOR MODIFYING PLANT TRAITS  
 19 <130> FILE REFERENCE: MBI-0022US  
 21 <140> CURRENT APPLICATION NUMBER: 09/713,994A  
 22 <141> CURRENT FILING DATE: 2000-11-16  
 24 <150> PRIOR APPLICATION NUMBER: 60/166,228  
 25 <151> PRIOR FILING DATE: 1999-11-17  
 27 <150> PRIOR APPLICATION NUMBER: 60/197,899  
 28 <151> PRIOR FILING DATE: 2000-04-17  
 30 <150> PRIOR APPLICATION NUMBER: 60/227,439  
 31 <151> PRIOR FILING DATE: 2000-08-22  
 33 <160> NUMBER OF SEQ ID NOS: 1982  
 35 <170> SOFTWARE: PatentIn version 3.2  
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 50 ttgtgctggt catgaagacg acataggaaa ctgtaaacaa caacaagatc ctctcctccc 180  
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 56 agcctcatca ccatctccca atatcttact aaaacaagaa caagtacttc tcgaatcaca 360  
 58 agatcaaaaa cctcctctta gtgttagggg tttcccacca tccacttctt cttctgtctt 420  
 60 tgtttttaga ggtcaacgog accagcttct tcaacaacaa tcccaacctc cccttcgata 480  
 62 tagaaaaaga aagaatcagc aaaaaagaac catatgtcat gtaacgcaag agaattcttc 540  
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72 ggttcctaaa ccggacacat ctccctttatc ggatacagta aaagaagaga ttcatctttc 840
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76 ggttggtcaa gaagtcaaca tggaagagga agaggaggaa gaagaagtgg aagaagatga 960
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164 gaggaggcag tgaagaagga gcaggcaaca gagccgggga aacggaggaa gaggaagaat 300
166 gtttatagag ggatacgtaa gcgtccatgg ggaaaatggg cggttgagat tcgagatcca 360
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172 caccatcctc ctctccttaa ttatactcct ccgccgtcat cgccacgacg aaccgatcag 540
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180 gacggtaaca cggcgaggca accgagtcag cttgatgagt ccgtttccga ggtggatatg 780
182 tggatgcttg atgatgtcat tgcgtcgtat gagtaaaaga aaaaaataa gtttaaaaaa 840
184 agttaataaa agtctgtaat atatatgtaa ccgccgttac ttttaaaagg tttttaccgt 900
186 cgcatgggac tgctgatgat gtctgttgtg taatgtgtag aatgtgacca aatggacgtt 960
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233 gttacataaa caagacgagg aacgagaagt gtttgagatg caagtgaag aacttaaaga 960
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259 ttctagtctg ttttagttac ttgtaaaata gggtttctca gttttattgt tttcgattcc 1740
261 agtacttagg tatggttcag ctgtttatit atcacttgta tgatctttcc cagttcattg 1800
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280 acttactagg agaatcggag ccgatactca gtgagtcgac agcaggttcg gttactcaat 180
282 cttgtgtaac cggtcagagc attaaaccgg tgtacggacg aaaccctagc tttagcaaac 240
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367 aaaaagtgtt gcagcttcat aggatcttgc ttagtaatgt taagtgagaa gagtggtttg     1440
369 ttttttcggt tatgcttttag taatttaaga catacaaaag tgtgtgttcc ggattgtagt     1500
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390 aaagctgggt tacaaaggaa tggaagagc tgcagattaa gatggattaa ttacctaaaga     180
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412 catcatatth atagagaggc ttcagattgt aattcttctg ctgaattctt ttctccacca     840
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:186; N Pos. 677  
Seq#:214; N Pos. 1131  
Seq#:226; N Pos. 7,9  
Seq#:238; N Pos. 1196,1197,1198,1199  
Seq#:726; N Pos. 1039,1148,1169  
Seq#:1063; N Pos. 1010,1024,1036  
Seq#:1080; N Pos. 948  
Seq#:1206; N Pos. 993,995,1007  
Seq#:1242; N Pos. 1194,1195,1196  
Seq#:1329; N Pos. 1100  
Seq#:1383; N Pos. 810  
Seq#:1724; N Pos. 466,476,483,494,504,546,563,627,652,658,668,683,693,707  
Seq#:1724; N Pos. 712,716,717,720,742,751,757,768,778,785,787,793,794,795  
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## VERIFICATION SUMMARY

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L:10076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186 after pos.:660  
L:11932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:1080  
L:12645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:0  
L:13515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:1140  
L:47834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:726 after pos.:1020  
M:341 Repeated in SeqNo=726  
L:71388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1063 after pos.:960  
M:341 Repeated in SeqNo=1063  
L:72511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1080 after pos.:900  
L:81149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1206 after pos.:960  
L:83919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1242 after pos.:1140  
L:89912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1329 after pos.:1080  
L:94536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1383 after pos.:780  
L:119232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1724 after pos.:420  
M:341 Repeated in SeqNo=1724